

Application No. 10/721,852

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A method ~~of operating an electrostaticgraphic printing apparatus, the apparatus including a charge-retentive member defining an imaging surface and a charging~~ for charging a photoreceptor to reduce wear on the photoconductor device for placing a charge on the imaging surface, comprising the steps of:

providing a power supply to apply a bias to said bias charging roll;

and

applying a bias to said bias charging roll, said applying includes applying a burst modulated waveform to said bias charging roll, generating a burst frequency for said burst modulated waveform, said generating includes employing a DC offset from an AC waveform, in which said AC waveform of a first frequency is gated on and off at a second frequency.

2-3. (Cancelled)

4. (Currently Amended) The method of claim 31, wherein the generating includes fixing a burst rate to constant frequency and varying a carrier frequency.

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5. (Currently Amended) A method of operating an electrostatographic printing apparatus, the apparatus including a charge-retentive member defining an imaging surface and a charging device for placing a charge on the imaging surface, comprising:

providing a power supply to apply a bias to said bias charging roll;
and

applying a bias to said bias charging roll, said applying includes applying a burst modulated waveform to said bias charging roll, the applying includes generating a burst frequency for said burst modulated waveform, the generating includes employing a DC offset from an AC waveform, in which said AC waveform of a first frequency is gated on and off at a second frequency ~~The method of claim 3, wherein the generating includes and~~ fixing a carrier frequency to constant frequency and varying a burst rate.

6. (Currently Amended) The method of claim 21, wherein the generating includes modifying a waveform selected from the group consisting of sinusoidal, rectangular, and triangular.

7. (Original) The method of claim 4, wherein the generating includes employing a carrier frequency between 500 and 5000 Hertz.

8. (Currently Amended) The method of claim 31, wherein the generating includes employing a burst rate between 250 and 4000.

9. (Currently Amended) The method of claim 31, wherein the generating includes employing a AC voltage between 1000 Vpp and 3000 Vpp.

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10. (Currently Amended) The method of claim 31, wherein the generating includes employing a duty cycle between 10% and 99%.